Author Index, Volume 8

Anderson, F. E., 397

Ballantine, L., 22
Balsamo, A. M., 68
Bildstein, K. E., 396
Birdsong, R. S., 48
Bodie, R. W., 373
Botton, M. L., 363
Bough, W. A., 244
Brenowitz, A. H., 352
Brinson, M. M., 279
Brookins, K. G., 60

Carey, C. G., 217
Carlson, P. R., 228
Churchill, A. C., 352
Comtois, K. L., 296
Coull, B. C., 84
Cowan, Jr., J. H., 48
Cranford, P. J., 290
Crawford, R. E., 217
Crow, J. H., 237
Cummins, R. A., 125

de la Cruz, A. A., 381
DeLaune, R. D., 15
De Nicola, D. M., 373
DiNardo, G. T., 114

Elliott, R. C. A., 256
Epifanio, C. E., 60
EuDaly, J. G., 244

Fagnani, J. P., 373
Fell, P. E., 68
Feller, R. J., 355
Felley, J. D., 252
Flint, R. W., 158

Gaston, G. R., 252
Gates, K. E., 244
Gilmore, R. G., 311
Gordon, Jr., D. C., 290

Hackney, C. T., 394
Harrison, A. S., 244
Heimbuch, D. G., 114, 125
Hines, A. H., 296
Holland, A. F., 81, 93
Hopkinson, Jr., C. S., 76

Isaji, T., 203

Johnson, G. F., 114

Kerschner, B. A., 311
Kjerfve, B., 81, 170
Kraus, M. L., 237
Kremer, J. N., 330

LaSalle, M. W., 381
Lee, V., 191
Logan, D. T., 28

Matson, E. A., 279
McCurley, J., 114
McMullen, D. M., 39
Merriner, J. V., 305
Middaugh, D. P., 39
Montgomery, J. R., 228
Murphy, R. C., 330

Nichols, F. H., 136
Nieves, G., 352
Nixon, S. W., 182
Norwicki, B. L., 182

Olsen, S., 191

Patrick, Jr., W. H., 15
Perkins, B. E., 244
Peterson, M. S., 311
Pilson, M. E. Q., 2
Polgar, T. T., 114, 125
Prouse, N. J., 290

Rizzo, W. M., 342
Rose, K. A., 114, 125

Shuster, Jr., C. N., 363
Sikora, W. B., 170
Simpson, K. W., 373
Smetacek, V., 145
Smith, C. J., 15
Smith, J. W., 305
Smith, N. P., 270
Spaulding, M. L., 203
Stace, J., 203
Summers, J. K., 114, 125

Tarr, J. A., 114
Turner, H. M., 323

Uncles, R. J., 256

Ward, G. S., 22
Wenner, E. L., 77
Weston, S. A., 256
Wetzel, R. L., 342

Yetman, K. T., 114

Zagursky, G., 355
Zimmerman, C. F., 228

Estuaries Vol. 8, No. 4, p. 400–401 December 1985

Subject Index, Volume 8

Acartia tonsa, 22
Acute toxicity, 22
Agelenopsis barrowsi, 381
Almyracuma proximoculi, 373
Ammonia, 182, 244
Anchoa mitchilli, 48
Appalachicola Bay, 191
Arachnida, 381
Artemia nauplii, 39
Atchafalaya River, 15
Atherinid, 48
Atlantic silverside, 48
Atrazine, 22
Axial dispersion, 256

Banana River Lagoon, 270
Bay anchovy, 48
Bay of Fundy, 290
Benthic, 182
Benthic community composition, 136
Benthic invertebrates, 136
Benthic metabolism, 330, 342
Benthic production, 158, 330
Benthic respiration, 330
Benthos, 158
Big Sheepshead Creek, 237
Biochemical oxygen demand, 244
Bivalves, 330, 394
Block Island Sound, 203
Brachionus sp., 39
Brachyuran larvae, 60
Brackish lagoon, 170
Brackish marsh, 381
Bucephalus cuculus, 323

Callinectes sapidus, 60
Cancer irroratus, 60
Carbon flow, 158
Carinoma tremaphoros, 302
Chesapeake Bay, 22, 93, 191, 296, 305, 342
Chiridotea almyra, 373
Chlorophyll, 342
Cliona sp., 323
Clubiona saltitans, 381
Coastal lagoon, 182, 191, 203
Cold tolerance, 394
Colorado lagoon, 330
Commercial fisheries abundance, 114
Community metabolism, 342
Connecticut River, 114
Contolling mechanisms, 84
Corophium lacustre, 302
Corpus Christi Bay, 158
Cownose ray, 305
Crab, 60
Crassostrea virginica, 22, 323
Cumberland Basin, 290
Cyathura polita, 302, 373
Cyprinodon variegatus, 22

Decomposition, 237
Delaware Bay, 363
Delaware River, 114
Denitrification, 15
Density-dependent growth, 28
Density-dependent mortality, 28
Detritus, 290
Dictyna sylvania, 381
Diel cycle, 60
Diffusive flux rates, 228
Discharge impact, 244
Dispersal, 352
Dispersion, 256
Dissolved organic phosphorus, 182
Dissolved oxygen, 244
Dissolved reactive phosphate, 228
Distribution patterns, 237
Diversity, 381

Ecotopic trophic variation, 311
Edotea triloba, 302
Eelgrass, 352
Epibenthic sleds, 217
Eteone heteropoda, 302
Eucinostomus argenteus, 311
Eucinostomus gula, 311
Eucinostomus jonesii, 311
Eucinostomus lefroyi, 311
Eutrophication, 191
Eutrophic conditions, 191

Faunal abundance, 84
Feeding analysis, 311
Feeding behavior, 305
Fish stock levels, 125
Fish toxicity tests, 22
Fluricormus, 381
Flushing time, 2
Flux, 228
Flux of nutrients, 182
Food density, 39
Food habits, 305
Freshwater input, 2
Freshwater swamps, 170

Gas bubbles, 352
Gerriedae, 311
Geukensia demissa, 237
Gonad cycle, 68
Groundwater flow, 228
Gulf Coast, 381

Heat energy fluxes, 270
Herbicide, 22
Heteromastus filiformis, 296, 302
Horseshoe crab, 363
Hudson-Rarity Estuary, 114
Hudson River, 28
Hudson River Estuary, 373
Human impact, 136

Hydrodynamic model, 203, 217

Immunoassay, 355
Indian River, 228
Indian River Inlet, 60
Infauna, 296
Ingestion rates, 355
In situ measurements, 182
In situ metabolism, 330
Invertebrate toxicity tests, 22

Juncus roemerianus marsh, 381
Juvenile fishes, 48

Kiel Bight, 145

Lake Pontchartrain, 170
Larval abundance, 60
Larval fishes, 48
Larval retention, 217
Leiostomus xanthurus, 22
Leptocheirus plumuloses, 302
Libinia spp., 60
Limnetic zone, 373
Limulus polyphemus, 363
Long Island Sound, 68
Long-term analysis, 145
Long-term biological data, 84
Long-term data set, 170
Long-term time series, 114
Long-term variability, 158
Long-term variation, 93
Lycosa watsoni, 381

Macoma balthica, 296, 302, 305
Macoma mitchelli, 302
Macrobenthos, 93, 290
Macrophyte detritus, 355
Management initiatives, 191
Menidia menidia, 48
Menidia peninsula, 39
Mercenaria mercenaria, 330
Mesohaline, 93
Mesohaline surface waters, 279
Meteorological data, 270
Mississippi River, 15
Modiolus demissus, 237
Mojarras, 311
Mortality model, 28
Mussels, 68
Mya arenaria, 296, 305
Mysid grazing, 355
Mysidopsis bahia, 22
Mytilus edulis, 68

Narragansett Bay, 2, 114
Nearshore sediments, 228
Nereis succinea, 302
Neuse River, 279
Nitrate, 15, 182

Nitrite, 182
Nitrogen burial, 15
Nitrogen flux, 330
Nitrogen inputs, 191
Nitrogen limitation, 182
North Inlet, South Carolina, 84, 355
Nutrient remineralization, 182
Nutrients, 279

Oligohaline marsh, 381
Ontogenetic trophic variation, 311
Ovalipes ocellatus, 60
Oysters, 279

Palaemonetes pugio, 22
Pamlico River, 279
Paramaevia hobbsae, 381
Parasites of oysters, 323
Patuxent Bay, 191
Pelagic processes, 145
Penaeus duorarum, 22
Perkinsus marinus, 323
Phosphate, 182
Phosphate limitation, 182
Phosphorus flux, 330
Phytoplankton, 158
Phytoplankton growth, 290
Pinnixa spp., 60
Pirata mayaca, 381
Plankton, 145
Pollution, 244
Pollution loadings, 114, 125
Polydora ligni, 302
Polymesoda caroliniana, 394
Population dynamics, 28
Potomac River, 114
Primary producers, 158
Processing discharges, 244
Processing wastes, 244
Pseudopleuronectes americanus, 217
Puget Sound, 136

Recruitment, 168
Reproductive period, 68
Residence time, 2
Rhinoptera bonasus, 305
Rhode Island, 191, 217
Ribbed mussel, 237

Salinity, 170
San Francisco Bay, 136
Sarinda hentzi, 381
Sciaenids, 48
Scolecolepides viridis, 302
Scotinella formica, 381
Seafood packing, 244
Seafood processing, 244
Seasonal occurrence, 48
Seasonal patterns, 84
Sediment accumulation, 15
Sediment carbon, 342
Sediment chlorophyll, 342
Sediments, 228
Seed, 352
Shoreline retreat, 170
Spartina, 290
Spartina alterniflora, 355
Spartina cynosuroides marsh, 381
Spatial variation, 342
Spawning populations, 363
Spawning sites, 217
Species abundance, 93
Spider, 381
Streblospio benedicti, 302
Striped bass, 28
Sublethal effects, 28
Substrate characteristics, 237
Sulfate enrichments, 279
Suspended sediments, 256
Suspended solids, 244

Temperate effects, 39
Temporal variation, 342
Thames Estuary, 68
Tidal cycle, 60
Tidal exchange, 203
Tidal flushing, 158
Tidal pumping, 256
Tidewater silversides, 39
Time series, 114, 203
Transport, 256
Transverse shear, 256
Tubificoides spp., 302

Vertical distribution, 296
Vertical shear, 256

Uca pugilator, 22
Uca spp., 60

Wachapreague, Virginia, 48
Water exchange, 158
Water quality indicators, 323
Watershed, 191
Weather data, 256
White flounder, 217

Year-class strength, 28
York River, 342

Zoogeography, 394
Zostera marina, 352